final

ABSTRACT OF THE DISCLOSURE

A method for avoiding data loss in a PDA. The PDA has a RAM, a battery, a central processing unit (CPU), and a nonvolatile accessible memory. The nonvolatile accessible memory has a .predetermined region, and the RAM stores user information including global operating system settings. User information is backed up into the predetermined region when remaining power of the battery is lower than a default value. Further, user information from the predetermined region is restored to the RAM when system power is recovered.